**Ankara Üniversitesi  
Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

Ders izlence Formu

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| --- | --- |
| Dersin Kodu ve İsmi | CHM216 |
| Dersin Sorumlusu | PROF.DR. MERAL KARAKIŞLA |
| Dersin Düzeyi | LİSANS |
| Dersin Kredisi | Kredi: 4, AKTS: 5 |
| Dersin Türü | ZORUNLU |
| Dersin İçeriği | Basic definitions in Electrochemistry  Electrolysis, describe and write of anode and cathode half reactions  Electrolytic Conductivity  The Types of Electrolyte  Colligative Properties of Electrolytes  The Degree of Dissociation of Electrolytes  Chemical Potential  Activity and Related Quantities  Debye-Hückel Limiting Law  Galvanic Cells  Types of Electrodes and Electrode Reactions  Rates of Chemical Reaction and Rate Laws  Collision theory  Reaction mechanism |
| Dersin Amacı | Understanding the electrochemical concepts, conductivity and it's applications, battery and battery types, electrolyses, corrosion, reaction kinetics mechanism of reactions, reaction rates and factors that affecting to reaction rates. |
| Dersin Süresi | 4 saat/hafta |
| Eğitim Dili | İNGİLİZCE |
| Ön Koşul | --- |
| Önerilen Kaynaklar | Introduction to Chemical Kinetics (Gordon B. Skinner)  The Principles of electrochemistry (Duncan A. Maclnnes) |
| Dersin Kredisi | 4 |
| Laboratuvar | -- |
| Diğer-1 |  |